

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 43-R1387

MATERIAL SAFETY DATA SHEET

DMS
2239

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

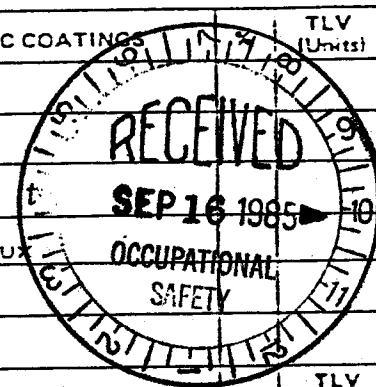
SECTION I

MANUFACTURER'S NAME Expanded Rubber & Plastics Corp.		EMERGENCY TELEPHONE NO. (213) 321-4260
ADDRESS (Number, Street, City, State, and ZIP Code) 14000 So. Western Ave., Gardena, CA 90249		
CHEMICAL NAME AND SYNONYMS Polyether Polyol		TRADE NAME AND SYNONYMS STATHANE
CHEMICAL FAMILY Polyurethane Polyhydroxyl Compound	FORMULA FL 5124 FR, Component 2	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	TLV (Units)
PIGMENTS			BASE METAL	
CATALYST			ALLOYS	
VEHICLE			METALLIC COATINGS	
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX	
ADDITIVES			OTHERS	
OTHERS				

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Polyol Blend		
Fire Retardant Additive		
Water		
Amine Catalyst	Less than	2



SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	~ 1.2
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	> 250°F PMCC	FLAMMABLE LIMITS	Le:	Ue:
EXTINGUISHING MEDIA Water fog, CO ₂ , Dry Chemical				
SPECIAL FIRE FIGHTING PROCEDURES Firefighters should wear a self-contained breathing apparatus.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not established

EFFECTS OF OVEREXPOSURE Systemic effects may result from ingestion of small quantities. May cause irritation to upper respiratory tract. amine is similar to ammonia.

Contact with the skin may produce local irritation.

EMERGENCY AND FIRST AID PROCEDURES Ingestion: Give large amounts of water or warm salty water to induce vomiting. Vomiting should be encouraged until the vomitus is clear. Get medical help. Eyes: Immediately flush eyes with water for 15 mins. Do not attempt to neutralize with chemical agents. Get medical help. Skin: Flush affected areas with water. Do not attempt to neutralize with chemical agents. Obtain medical attention if irritation persists. Inhalation: Remove from contaminated atmosphere. If symptoms of respiratory discomfort persists, see a physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Temperatures above 300°F

INCOMPATABILITY (Materials to avoid)

Avoid oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic fumes, CO₂, CO, POx, HCl

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb with oil absorbing compound and flush area with hot water, with proper precautions. Solvents such as methylene chloride may be used.

WASTE DISPOSAL METHOD

Waste material may be incinerated under conditions which meet Federal, State and Local environmental control regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None required.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
	Recommended	

PROTECTIVE GLOVES Chemically resistant rubber or plastic gloves. **EYE PROTECTION** Protective goggles. Suitable for liquid handling.

OTHER PROTECTIVE EQUIPMENT Eye wash stations and safety showers.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Must be stored in tightly closed containers and protected from moisture. Maintain storage temperature between 65-85°F.

OTHER PRECAUTIONS